

Title (en)

METHOD FOR TRANSMITTING VOICE PACKETS IN WIRELESS COMMUNICATION SYSTEM

Title (de)

VERFAHREN ZUR ÜBERTRAGUNG VON SPRACHPAKETEN IN EINEM DRAHTLOSEN KOMMUNIKATIONSSYSTEM

Title (fr)

PROCÉDÉ DE TRANSMISSION DE PAQUETS VOCAUX DANS UN SYSTÈME DE COMMUNICATION SANS FIL

Publication

**EP 2092705 A4 20130605 (EN)**

Application

**EP 07833036 A 20070927**

Priority

- KR 2007004697 W 20070927
- US 82831006 P 20061005
- KR 20070088628 A 20070831

Abstract (en)

[origin: US2009274107A1] There is provided a method for transmitting voice packets for VoIP service using semi-persistent scheduling that previously allocates radio resources and performs uplink transmission using the previously allocated radio resources when additional radio resource allocation is not resources used for talkspurt and radio resources used for silent period, detecting transition from the talkspurt to the silent period or transition from the silent period to the talkspurt, and transmitting a transition indicator that indicates the transition from the talkspurt to the silent period or transition from the silent period to the talkspurt.

IPC 8 full level

**H04L 29/06** (2006.01); **H04L 12/66** (2006.01); **H04W 72/12** (2009.01)

CPC (source: EP KR US)

**H04L 12/66** (2013.01 - EP KR US); **H04W 8/24** (2013.01 - EP KR US); **H04W 72/04** (2013.01 - KR); **H04W 72/23** (2023.01 - EP US); **H04W 80/00** (2013.01 - KR); **H04L 65/65** (2022.05 - EP US); **H04W 24/00** (2013.01 - EP US); **H04W 76/28** (2018.01 - EP US)

Citation (search report)

- [X1] US 2006039319 A1 20060223 - LEE HO-WON [KR], et al
- [XAI] US 6963545 B1 20051108 - HO JIN-MENG [US]
- [YP] US 2006234716 A1 20061019 - VESTERINEN SEPPO [FI], et al
- [X1] HOWON LEE ET AL: "IEEE C802.16e-04/522 Extended rtPS for VoIP services", INTERNET CITATION, 4 November 2004 (2004-11-04), XP002474502, Retrieved from the Internet <URL:http://wirelessman.org/tge/contrib/C80216e-04\_522.pdf> [retrieved on 20080331]
- [XPY] LG ELECTRONICS INC: "UL scheduling for VoIP", 3GPP DRAFT; R2-062927\_UPLINK\_SCHEDULING\_VOIP\_R6, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Seoul, Korea; 20061016, 16 October 2006 (2006-10-16), XP050132445
- See references of WO 2008041805A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2009274107 A1 20091105; US 8493920 B2 20130723**; EP 2092705 A1 20090826; EP 2092705 A4 20130605; EP 2092705 B1 20160217; KR 101347404 B1 20140102; KR 20080031779 A 20080411; TW 200835243 A 20080816; TW I435573 B 20140421; WO 2008041805 A1 20080410

DOCDB simple family (application)

**US 31156907 A 20070927**; EP 07833036 A 20070927; KR 2007004697 W 20070927; KR 20070088628 A 20070831; TW 96137559 A 20071005